

## PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 1 of 19

| ATTORNEY DOCKET NO.          | SERIAL NO. |  |  |  |
|------------------------------|------------|--|--|--|
| 5074A-000032/COB 09/494,213  |            |  |  |  |
| APPLICANT                    |            |  |  |  |
| Michael A. Martinelli et al. |            |  |  |  |
| FILING DATE                  | GROUP      |  |  |  |
| January 24, 2000             | 3737       |  |  |  |

| U.S. F         | ATENT DO               | CUMENTS            |            |                  |                    |                                 |
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| Ref.<br>Desig. | Examiner's<br>Initials | Document<br>Number | Date       | Name             | Class/<br>Subclass | (If appropriate)<br>Filing Date |
| 1.             | RU                     | 1,576,781          | 03/1926    | Phillips         | 1                  |                                 |
| 2.             |                        | 1,735,726          | 11/1929    | Bornhardt        |                    |                                 |
| 3.             |                        | 2,407,845          | 09/1946    | Nemeyer          |                    |                                 |
| 4.             |                        | 2,650,588          | 09/1953    | Drew             |                    |                                 |
| 5.             |                        | 2,697,433          | 12/1954    | Sehnder          |                    |                                 |
| 6.             |                        | 3,016,899          | 01/1962    | Stenvall         |                    |                                 |
| 7.             |                        | 3,017,887          | 01/1962    | Heyer            |                    |                                 |
| 8.             |                        | 3,061,936          | 11/1962    | Dobbeleer        |                    |                                 |
| 9.             | ·                      | 3,073,310          | 01/1963    | Mocarski         |                    |                                 |
| 10.            |                        | 3,294,083          | 12/1966    | Alderson         |                    |                                 |
| 11.            |                        | 3,367,326          | 02/1968    | Frazier          |                    |                                 |
| 12.            |                        | 3,577,160          | 05/1971    | White            |                    |                                 |
| 13.            |                        | 3,702,935          | 11/1972    | Carey et al.     |                    |                                 |
| 14.            |                        | 3,704,707          | 12/1972    | Halloran         |                    |                                 |
| 15.            |                        | 3,941,127          | 03/1976    | Froning          |                    |                                 |
| 16.            |                        | 4,037,592          | 07/1977    | Kronner          |                    |                                 |
| 17.            |                        | 4,052,620          | 10/1977    | Brunnett         |                    |                                 |
| 18.            |                        | 4,117,337          | 09/26/1978 | Staats           |                    |                                 |
| 19.            |                        | 4,202,349          | 05/1980    | Jones            |                    |                                 |
| 20.            |                        | 4,328,813          | 05/1982    | Ray              |                    |                                 |
| 21.            | 14                     | 4,358,856          | 11/09/1982 | Stivender et al. |                    |                                 |

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| January 24, 2000      | 3737       |  |  |

| U.S. F         | ATENT DO               | CUMENTS            |            |                   | <del> </del>       |                                 |
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| Ref.<br>Desig. | Examiner's<br>Initials | Document<br>Number | Date       | Name .            | Class/<br>Subclass | (If appropriate)<br>Filing Date |
| 22.            | M                      | 4,368,536          | 01/1983    | Pfeiler           |                    |                                 |
| 23.            |                        | 4,403,321          | 09/1983    | DiMarco           |                    |                                 |
| 24.            |                        | 4,418,422          | 11/1983    | Richter et al.    |                    |                                 |
| 25.            |                        | 4,485,815          | 12/1984    | Amplatz           |                    |                                 |
| 26.            |                        | 4,543,959          | 10/01/1985 | Sepponen          |                    |                                 |
| 27.            |                        | 4,548,208          | 10/22/1985 | Niemi             |                    |                                 |
| 28.            |                        | 4,621,628          | 11/1986    | Bludermann        |                    |                                 |
| 29.            |                        | 4,625,718          | 12/1986    | Olerud et al.     |                    |                                 |
| 30.            |                        | 4,645,343          | 02/1987    | Stockdale et al.  |                    |                                 |
| 31.            |                        | 4,651,732          | 03/24/1987 | Frederick         |                    |                                 |
| 32.            |                        | 4,653,509          | 03/1987    | Oloff et al.      |                    |                                 |
| 33.            |                        | 4,673,352          | 06/1987    | Hansen            |                    |                                 |
| 34.            |                        | 4,706,665          | 11/17/1987 | Gouda             |                    |                                 |
| 35.            |                        | 4,722,056          | 01/26/1988 | Roberts et al.    |                    |                                 |
| 36.            |                        | 4,722,336          | 02/1988    | Kim et al.        |                    |                                 |
| 37.            |                        | 4,727,565          | 02/23/1988 | Ericson           |                    |                                 |
| 38.            |                        | 4,737,921          | 04/12/1988 | Goldwasser et al. |                    |                                 |
| 39.            |                        | 4,750,487          | 06/1988    | Zanetti           |                    |                                 |
| 40.            |                        | 4,771,787          | 09/20/1988 | Wurster et al.    |                    |                                 |
| 41.            | RU                     | 4,791,934          | 12/20/1988 | Brunnett          |                    |                                 |

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| 42.            | M                      | 4,793,355          | 12/1988    | Crum et al.         |                                       |                                 |
| 43.            |                        | 4,797,907          | 01/1989    | Anderton            |                                       |                                 |
| 44.            |                        | 4,803,976          | 02/1989    | Frigg et al.        |                                       |                                 |
| 45.            |                        | 4,821,206          | 04/11/1989 | Arora               |                                       |                                 |
| 46.            |                        | 4,845,771          | 07/1989    | Wislocki et al.     |                                       |                                 |
| 47.            |                        | 4,889,526          | 12/26/1989 | Rauscher et al.     |                                       |                                 |
| 48.            |                        | 4,923,459          | 05/1990    | Nambu               |                                       |                                 |
| 49.            |                        | 4,931,056          | 06/1990    | Ghajar et al.       |                                       |                                 |
| 50.            |                        | 4,945,914          | 08/1990    | Allen               |                                       |                                 |
| 51.            |                        | 4,951,653          | 08/1990    | Fry et al.          |                                       |                                 |
| 52.            |                        | 5,013,317          | 05/1991    | Cole et al.         |                                       |                                 |
| 53.            |                        | 5,027,818          | 07/02/1991 | Bova et al.         |                                       |                                 |
| 54.            |                        | 5,030,196          | 07/09/1991 | Inoue               |                                       |                                 |
| 55.            |                        | 5,030,222          | 07/1991    | Calandruccio et al. |                                       |                                 |
| 56.            |                        | 5,031,203          | 07/1991    | Trecha              |                                       |                                 |
| 57.            |                        | 5,057,095          | 10/15/1991 | Fabian              |                                       |                                 |
| 58.            |                        | 5,079,699          | 01/07/1992 | Tuy et al.          |                                       |                                 |
| 59.            |                        | 5,094,241          | 03/10/1992 | Allen               |                                       |                                 |
| 60.            |                        | 5,097,839          | 03/24/1992 | Allen               |                                       |                                 |
| 61.            | RU                     | 5,107,839          | 04/28/1992 | Houdek et al.       |                                       |                                 |

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| 62.            | RU                     | 5,107,843          | 04/1992    | Aarnio, et al.     |                    |                                 |
| 63.            | 1                      | 5,107,862          | 04/28/1992 | Fabian et al.      |                    | _                               |
| 64.            |                        | 5,119,817          | 06/09/1992 | Allen              |                    |                                 |
| 65.            |                        | 5,142,930          | 09/01/1992 | Allen et al.       |                    |                                 |
| 66.            |                        | 5,160,337          | 11/1992    | Cosman             |                    |                                 |
| 67.            |                        | 5,178,164          | 01/12/1993 | Allen              |                    |                                 |
| 68.            |                        | 5,178,621          | 01/1993    | Cook et al.        |                    |                                 |
| 69.            |                        | 5,186,174          | 02/1993    | Schlondorff et al. |                    |                                 |
| 70.            |                        | 5,188,126          | 02/23/1993 | Fabian et al.      |                    |                                 |
| 71.            |                        | 5,190,059          | 03/02/1993 | Fabian et al.      |                    |                                 |
| 72.            |                        | 5,197,965          | 03/1993    | Cherry et al.      |                    |                                 |
| 73.            |                        | 5,211,176          | 05/1993    | Ishiguro et al.    |                    |                                 |
| 74.            |                        | 5,212,720          | 05/1993    | Landi et al.       |                    |                                 |
| 75.            |                        | 5,219,351          | 06/1993    | Teubner et al.     |                    |                                 |
| 76.            |                        | 5,233,990          | 08/1993    | Barnea             |                    |                                 |
| 77.            |                        | 5,251,127          | 10/1993    | Raab               |                    |                                 |
| 78.            |                        | 5,291,199          | 03/01/1994 | Overman et al.     |                    |                                 |
| 79.            |                        | 5,305,091          | 04/1994    | Gelbart et al.     |                    |                                 |
| 80.            |                        | 5,305,203          | 04/1994    | Raab               |                    |                                 |
| 81.            | Ry                     | 5,320,111          | 06/1994    | Livingston         |                    |                                 |

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| 82.            | Res                    | 5,325,728          | 07/05/1994 | Zimmerman et al.       |                    |                                 |
| 83.            |                        | 5,329,944          | 07/19/1994 | Fabian et al.          |                    |                                 |
| 84.            |                        | 5,333,168          | 07/1994    | Fernandes et al.       |                    |                                 |
| 85.            |                        | 5,353,800          | 10/11/1994 | Pohndorf et al         |                    |                                 |
| 86.            |                        | 5,353,807          | 10/11/1994 | DeMarco                |                    |                                 |
| 87.            |                        | 5,394,457          | 02/1995    | Leibinger et al.       |                    | ,                               |
| 88.            |                        | 5,397,329          | 03/1995    | Allen                  |                    |                                 |
| 89.            |                        | 5,399,146          | 03/21/1995 | Nowacki et al.         |                    |                                 |
| 90.            |                        | 5,400,384          | 03/1995    | Fernandes et al.       |                    |                                 |
| 91.            |                        | 5,423,334          | 06/13/1995 | Jordan                 |                    |                                 |
| 92.            |                        | 5,426,683          | 06/1995    | O'Farrell, Jr., et al. |                    |                                 |
| 93.            |                        | 5,426,687          | 06/1995    | Goodall et al.         |                    |                                 |
| 94.            |                        | 5,427,097          | 06/1995    | Depp                   |                    |                                 |
| 95.            |                        | 5,427,367          | 06/20/1995 | Shapiro et al.         |                    |                                 |
| 96.            |                        | 5,444,756          | 08/1995    | Pai et al.             |                    |                                 |
| 97.            |                        | 5,446,548          | 08/1995    | Gerig et al.           |                    |                                 |
| 98.            |                        | 5,447,154          | 09/05/1995 | Cinquin et al.         |                    |                                 |
| 99.            |                        | 5,448,610          | 09/1995    | Yamamoto et al.        |                    |                                 |
| 100.           |                        | 5,458,718          | 10/17/1995 | Venkitachalam          |                    |                                 |
| 101.           | 14                     | 5,464,446          | 11/1995    | Dreessen et al.        |                    |                                 |

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| Ref.<br>Desig. | Examiner's<br>Initials | Document<br>Number | Date       | Name               | Class/<br>Subclass | (If appropriate)<br>Filing Date |
| 102.           | Ry                     | 5,478,341          | 12/1995    | Cook et al.        |                    |                                 |
| 103.           |                        | 5,478,343          | 12/1995    | Ritter             |                    |                                 |
| 104.           |                        | 5,490,196          | 02/06/1996 | Rudich et al.      |                    |                                 |
| 105.           |                        | 5,494,034          | 02/27/1996 | Schlondorff et al. |                    |                                 |
| 106.           |                        | 5,503,416          | 04/1996    | Aoki et al.        |                    |                                 |
| 107.           |                        | 5,515,160          | 05/07/1996 | Schulz et al.      |                    |                                 |
| 108.           |                        | 5,531,227          | 07/02/1996 | Schneider          |                    | ,                               |
| 109.           |                        | 5,531,520          | 07/02/1996 | Grimson et al.     |                    |                                 |
| 110.           |                        | 5,543,951          | 08/06/1996 | Moehrmann          |                    |                                 |
| 111.           |                        | 5,551,429          | 09/1996    | Fitzpatrick et al. |                    |                                 |
| 112.           |                        | 5,575,794          | 11/1996    | Walus et al.       |                    |                                 |
| 113.           |                        | 5,583,909          | 12/1996    | Hanover            |                    |                                 |
| 114.           |                        | 5,595,193          | 01/1997    | Walus et al.       |                    |                                 |
| 115.           |                        | 5,596,228          | 01/1997    | Anderton et al.    |                    |                                 |
| 116.           |                        | 5,617,462          | 04/1997    | Spratt             |                    |                                 |
| 117.           |                        | 5,619,261          | 04/1997    | Anderton           |                    |                                 |
| 118.           |                        | 5,627,873          | 05/1997    | Hanover et al.     |                    |                                 |
| 119.           |                        | 5,628,315          | 05/13/1997 | Vilsmeier et al.   |                    |                                 |
| 120.           |                        | 5,636,644          | 06/10/1997 | Hart et al.        |                    |                                 |
| 121.           | RU                     | 5,638,819          | 06/17/1997 | Manwaring et al.   |                    |                                 |

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| 122.           | My                     | 5,642,395          | 06/1997    | Anderton et al.    |                    |                                 |
| 123.           |                        | 5,643,268          | 07/01/1997 | Vilsmeier et al.   |                    |                                 |
| 124.           |                        | 5,664,001          | 09/1997    | Tachibana et al.   |                    |                                 |
| 125.           |                        | 5,674,296          | 10/07/1997 | Bryan et al.       |                    |                                 |
| 126.           |                        | 5,681,260          | 10/28/1997 | Ueda et al.        |                    |                                 |
| 127.           |                        | 5,682,886          | 11/04/1997 | Delp et al.        |                    |                                 |
| 128.           |                        | 5,690,108          | 11/1997    | Chakeres           |                    |                                 |
| 129.           |                        | 5,695,501          | 12/09/1997 | Carol et al.       |                    |                                 |
| 130.           |                        | 5,697,377          | 12/16/1997 | Wittkampf          |                    |                                 |
| 131.           |                        | 5,702,406          | 12/30/1997 | Vilsmeier et al.   |                    |                                 |
| 132.           |                        | 5,711,299          | 01/27/1998 | Manwaring et al.   |                    |                                 |
| 133.           |                        | 5,715,822          | 02/10/1998 | Watkins            |                    |                                 |
| 134.           |                        | 5,715,836          | 02/10/1998 | Kliegis et al.     |                    |                                 |
| 135.           |                        | 5,727,552          | 03/17/1998 | Ryan               |                    |                                 |
| 136.           |                        | 5,727,553          | 03/17/1998 | Saad               |                    |                                 |
| 137.           |                        | 5,730,130          | 03/1998    | Fitzpatrick et al. |                    |                                 |
| 138.           |                        | 5,735,278          | 04/07/1998 | Hoult et al.       |                    |                                 |
| 139.           |                        | 5,742,394          | 04/1998    | Hansen             |                    |                                 |
| 140.           |                        | 5,744,953          | 04/28/1998 | Hansen             |                    |                                 |
| 141.           | Ry                     | 5,748,767          | 05/1998    | Raab               |                    |                                 |

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| 142.           | RU                     | 5,749,835          | 05/12/1998 | Glantz                 |                    |                                 |
| 143.           | 1                      | 5,755,725          | 05/26/1998 | Druais                 |                    |                                 |
| 144.           |                        | 5,767,669          | 06/16/1998 | Hansen et al.          |                    |                                 |
| 145.           |                        | 5,769,789          | 06/23/1998 | Wang et al.            |                    |                                 |
| 146.           |                        | 5,769,861          | 06/23/1998 | Vilsmeier              |                    |                                 |
| 147.           |                        | 5,772,594          | 06/1998    | Barrick                |                    |                                 |
| 148.           |                        | 5,775,322          | 07/07/1998 | Silverstein et al.     |                    |                                 |
| 149.           |                        | 5,782,765          | 07/21/1998 | Jonkman                |                    |                                 |
| 150.           |                        | 5,792,055          | 08/11/1998 | McKinnon               |                    |                                 |
| 151.           |                        | 5,795,294          | 08/18/1998 | Luber et al.           |                    |                                 |
| 152.           |                        | 5,797,849          | 08/1998    | Vesely et al.          |                    |                                 |
| 153.           |                        | 5,799,055          | 08/1998    | Peshkin et al.         |                    |                                 |
| 154.           |                        | 5,799,099          | 08/1998    | Wang et al.            |                    |                                 |
| 155.           |                        | 5,800,535          | 09/01/1998 | Howard, III            |                    |                                 |
| 156.           |                        | 5,802,719          | 09/1998    | O'Farrell, Jr., et al. |                    |                                 |
| 157.           |                        | 5,807,252          | 9/15/1998  | Hassfeld et al.        |                    |                                 |
| 158.           |                        | 5,810,735          | 09/22/1998 | Halperin et al.        |                    |                                 |
| 159.           |                        | 5,823,192          | 10/1998    | Kalend et al.          |                    |                                 |
| 160.           |                        | 5,823,958          | 10/20/1998 | Truppe                 |                    |                                 |
| 161.           | 14                     | 5,828,725          | 10/27/1998 | Levinson               |                    |                                 |

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| 162.           | M                      | 5,834,759          | 11/10/1998 | Glossop             |                    |                                 |
| 163.           | 1                      | 5,843,076          | 12/1/1998  | Webster, Jr. et al. |                    |                                 |
| 164.           |                        | 5,848,967          | 12/15/1998 | Cosman              |                    |                                 |
| 165.           |                        | 5,865,846          | 02/02/1999 | Bryan et al.        |                    |                                 |
| 166.           |                        | 5,868,675          | 02/09/1999 | Henrion et al.      |                    |                                 |
| 167.           |                        | 5,871,455          | 09/1999    | Ueno                |                    |                                 |
| 168.           |                        | 5,871,487          | 02/16/1999 | Warner et al.       |                    |                                 |
| 169.           |                        | 5,884,410          | 03/1999    | Prinz               |                    |                                 |
| 170.           |                        | 5,891,157          | 04/06/1999 | Day et al.          |                    |                                 |
| 171.           |                        | 5,904,691          | 05/18/1999 | Barnett et al.      |                    |                                 |
| 172.           |                        | 5,907,395          | 05/1999    | Schultz et al.      |                    |                                 |
| 173.           |                        | 5,921,992          | 07/13/1999 | Costales et al.     |                    |                                 |
| 174.           |                        | 5,923,727          | 07/1999    | Navab               |                    |                                 |
| 175.           |                        | 5,928,248          | 7/27/1999  | Acker               |                    |                                 |
| 176.           |                        | 5,938,603          | 8/17/1999  | Ponzi               |                    |                                 |
| 177.           |                        | 5,947,981          | 09/1999    | Cosman              |                    |                                 |
| 178.           |                        | 5,951,475          | 09/14/1999 | Gueziec et al.      |                    |                                 |
| 179.           |                        | 5,954,796          | 10/12/1999 | Imran               |                    |                                 |
| 180.           |                        | 5,968,047          | 10/10/1999 | Reed                |                    | ,                               |
| 181.           | M                      | 5,971,997          | 10/1999    | Guthrie et al.      |                    |                                 |

| Examiner: | Kult Lill | Date Considered: | 2/06 |
|-----------|-----------|------------------|------|

### PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

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| SERIAL NO. |                     |
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| 09/494,213 |                     |
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| U.S. F         | PATENT DO           | CUMENTS            |            |                   |                    |                                 |
|----------------|---------------------|--------------------|------------|-------------------|--------------------|---------------------------------|
| Ref.<br>Desig. | Examiner's Initials | Document<br>Number | Date       | Name              | Class/<br>Subclass | (If appropriate)<br>Filing Date |
| 182.           | IU I                | 5,980,535          | 11/1999    | Barnett et al.    |                    |                                 |
| 183.           |                     | 5,983,126          | 11/09/1999 | Wittkampf         |                    |                                 |
| 184.           |                     | 5,987,960          | 11/1999    | Messner et al.    |                    |                                 |
| 185.           |                     | 5,999,837          | 12/1999    | Messner et al.    |                    |                                 |
| 186.           |                     | 5,999,840          | 12/1999    | Grimson et al.    |                    |                                 |
| 187.           |                     | 6,001,130          | 12/14/1999 | Bryan et al.      |                    |                                 |
| 188.           |                     | 6,006,126          | 12/1999    | Cosman            |                    |                                 |
| 189.           |                     | 6,016,439          | 01/2000    | Acker             |                    |                                 |
| 190.           |                     | 6,050,724          | 04/2000    | Schmitz et al.    |                    |                                 |
| 191.           |                     | 6,059,718          | 05/2000    | Taniguchi et al.  |                    |                                 |
| 192.           |                     | 6,063,022          | 5/16/2000  | Ben-Haim          |                    |                                 |
| 193.           |                     | 6,073,043          | 06/2000    | Schneider         |                    |                                 |
| 194.           |                     | 6,104,944          | 08/15/2000 | Martinelli        |                    |                                 |
| 195.           |                     | 6,118,845          | 09/12/2000 | Simon et al.      |                    |                                 |
| 196.           |                     | 6,122,538          | 09/19/2000 | Sliwa, Jr. et al. |                    |                                 |
| 197.           |                     | 6,131,396          | 10/17/2000 | Duerr et al.      |                    |                                 |
| 198.           |                     | 6,139,183          | 10/2000    | Graumann          |                    |                                 |
| 199.           |                     | 6,149,592          | 11/2000    | Yanof et al.      |                    |                                 |
| 200.           |                     | 6,156,067          | 12/05/2000 | Bryan et al.      |                    |                                 |
| 201.           | 111                 | 6,175,756          | 1/16/2001  | Ferre et al.      |                    |                                 |

| Examiner: | Kultana | Date Considered: 2/0 6 |
|-----------|---------|------------------------|

## PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

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| ATTORNEY DOCKET NO.   | SERIAL NO. |
|-----------------------|------------|
| 5074A-000032/COB      | 09/494,213 |
| APPLICANT             |            |
| Michael A. Martinelli |            |
| FILING DATE           | GROUP      |
| January 24, 2000      | 3737       |

| U.S. PATENT DOCUMENTS |                        |                    |            |                   |                    |                                 |  |
|-----------------------|------------------------|--------------------|------------|-------------------|--------------------|---------------------------------|--|
| Ref.<br>Desig.        | Examiner's<br>Initials | Document<br>Number | Date       | Name              | Class/<br>Subclass | (If appropriate)<br>Filing Date |  |
| 202.                  | YCPI                   | 6,223,067          | 04/24/2001 | Vilsmeier         |                    |                                 |  |
| 203.                  |                        | 6,273,896          | 08/14/2001 | Franck et al.     |                    |                                 |  |
| 204.                  |                        | 6,298,262          | 10/02/2001 | Franck et al.     |                    |                                 |  |
| 205.                  |                        | 6,332,089          | 12/2001    | Acker et al.      |                    |                                 |  |
| 206.                  |                        | 6,341,231          | 1/22/2002  | Ferre et al.      |                    |                                 |  |
| 207.                  |                        | 6,351,659          | 02/26/2002 | Vilsmeier         |                    |                                 |  |
| 208.                  |                        | 6,434,415          | 08/13/2002 | Foley et al.      |                    |                                 |  |
| 209.                  |                        | 6,445,943          | 9/3/2002   | Ferre et al.      |                    |                                 |  |
| 210.                  |                        | 6,498,944          | 12/24/2002 | Ben-Haim et al    |                    |                                 |  |
| 211.                  |                        | 6,701,179          | 03/02/2004 | Martinelli et al. |                    |                                 |  |
| 212.                  |                        | Re. 35,025         | 8/1995     | Anderton          |                    |                                 |  |
| 213.                  | Ru                     | Re. 35,816         | 6/1998     | Schulz            |                    |                                 |  |

| FOREIGN PATENT DOCUMENTS |                        |                    |         |         |                    |                    |         |
|--------------------------|------------------------|--------------------|---------|---------|--------------------|--------------------|---------|
| Ref.<br>Desig.           | Examiner's<br>Initials | Document<br>Number | Date    | Country | Class/<br>Subclass | Translation<br>Yes | ı<br>No |
| 1.                       | RY                     | 964149             | 03/1975 | Canada  |                    |                    |         |
| 2.                       | /                      | EP 0319 844 A1     | 01/1988 | EPO     |                    |                    |         |
| 3.                       |                        | EP 0350996 A1      | 01/1990 | EPO     |                    |                    |         |
| 4.                       | Ry                     | EP 0651968 A1      | 08/1990 | EPO     |                    |                    |         |

|           | _ // // /// | /                      |
|-----------|-------------|------------------------|
| Examiner: | Kult and    | Date Considered: 2/0 6 |

# PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 12 of 19

| ATTORNEY DOCKET No.   | SERIAL NO. |
|-----------------------|------------|
| 5074A-000032/COB      | 09/494,213 |
| APPLICANT             |            |
| Michael A. Martinelli |            |
| FILING DATE           | GROUP      |
| January 24, 2000      | 3737       |

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|----------------|------------------------|--------------------|------------|---------|--------------------|--------------------|-----|
| Ref.<br>Desig. | Examiner's<br>Initials | Document<br>Number | Date       | Country | Class/<br>Subclass | Translation<br>Yes | No_ |
| 5.             | Ry                     | EP 0581704 B1      | 07/27/1993 | EPO     |                    | U.S.<br>Equiv      |     |
| 6.             | 1                      | FR 2417970         | 02/20/1979 | France  |                    | U.S.<br>Equiv      |     |
| 7.             |                        | DE 10085137        | 11-2002    | Germany |                    | U.S.<br>Equiv      |     |
| 8.             |                        | DE 3042343 A1      | 06/1982    | Germany |                    |                    | X   |
| 9.             |                        | DE 3831278 A1      | 03/1989    | Germany |                    | U.S.<br>Equiv      |     |
| 10.            |                        | DE 4233978 C1      | 04/1994    | Germany |                    | U.S.<br>Equiv      |     |
| 11.            |                        | JP 2765738         | 6/1988     | Japan   |                    |                    | Х   |
| 12.            |                        | WO 88/09151        | 12/01/1988 | PCT     |                    | Abstrac<br>t       |     |
| 13.            |                        | WO 89/05123        | 06/1989    | PCT     |                    |                    |     |
| 14.            |                        | WO 91/04711        | 04/18/1991 | PCT     |                    | Abstrac<br>t       |     |
| 15.            |                        | WO 92/03090        | 03/05/1992 | PCT     |                    |                    |     |
| 16.            |                        | WO 94/23647        | 10/27/1994 | PCT     |                    |                    |     |
| 17.            |                        | WO 94/24933        | 11/10/1994 | PCT     |                    |                    |     |
| 18.            |                        | WO 96/11624        | 04/25/1996 | PCT     |                    |                    |     |
| 19.            |                        | WO 98/38908        | 09/11/1998 | PCT     |                    |                    |     |
| 20.            |                        | WO 91/03982        | 04/1991    | WIPO    |                    |                    |     |
| 21.            |                        | WO 98/08554        | 03/1998    | WIPO    |                    |                    |     |
| 22.            | RU                     | WO 99/60939        | 12/1999    | WIPO    |                    |                    |     |

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|-----------|----------------|----------------------|
| Examiner: | Andhall        | Date Considered: 266 |

### PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

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| ATTORNEY DOCKET No.   | SERIAL NO. |  |
|-----------------------|------------|--|
| 5074A-000032/COB      | 09/494,213 |  |
| APPLICANT             |            |  |
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| January 24, 2000      | 3737       |  |

| FORE           | IGN PATEN           | T DOCUMENTS        |            |         |                    |                    |         |
|----------------|---------------------|--------------------|------------|---------|--------------------|--------------------|---------|
| Ref.<br>Desig. | Examiner's Initials | Document<br>Number | Date       | Country | Class/<br>Subclass | Translation<br>Yes | n<br>No |
| 23.            | Ry                  | WO 01/30437 A1     | 05/03/2001 | WIPO    |                    |                    |         |

| OTHE           | OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) |  |  |  |  |
|----------------|--|--|--|--|--|
| Ref.<br>Desig. | Examiner's<br>Initials   |  |  |  |  |
| 1.             | M  | Adams et al., "Orientation Aid for Head and Neck Surgeons," Innov. Tech. Biol. Med., Vol. 13, No. 4, 1992, pp. 409-424.  |  |  |  |
| 2.             |  | Barrick et al., "Prophylactic Intramedullary Fixation of the Tibia for Stress Fracture in a Professional Athlete," Journal of Orthopaedic Trauma, Vol. 6, No. 2, pp. 241-244 (1992).                       |  |  |  |
| 3.             |  | Barrick et al., "Technical Difficulties with the Brooker-Wills Nail in Acute Fractures of the Femur," Journal of Orthopaedic Trauma, Vol. 6, No. 2, pp. 144-150 (1990).                                    |  |  |  |
| 4.             |  | Barrick, "Distal Locking Screw Insertion Using a Cannulated Drill Bit: Technical Note," Journal of Orthopaedic Trauma, Vol. 7, No. 3, 1993, pp. 248-251.   |  |  |  |
| 5.             |  | Batnitzky et al., "Three-Dimensinal Computer Reconstructions of Brain Lesions from Surface Contours Provided by Computed Tomography: A Prospectus," Neurosurgery, Vol. 11, No. 1, Part 1, 1982, pp. 73-84. |  |  |  |
| 6.             |  | Bouazza-Marouf et al.; "Robotic-Assisted Internal Fixation of Femoral Fractures", IMECHE., pp. 51-58 (1995)  |  |  |  |
| 7.             |  | Brack et al., "Accurate X-ray Based Navigation in Computer-Assisted Orthopedic Surgery," CAR '98, pp. 716-722.   |  |  |  |
| 8.             |  | Bryan, "Bryan Cervical Disc System Single Level Surgical Technique", Spinal Dynamics, 2002, pp. 1-33.  |  |  |  |
| 9.             |  | Bucholz et al., "Variables affecting the accuracy of stereotactic localizationusing computerized tomography," Journal of Neurosurgery, Vol. 79, November 1993, pp. 667-673.                                |  |  |  |
| 10.            |  | Champleboux et al., "Accurate Calibration of Cameras and Range Imaging Sensors: the NPBS Method," IEEE International Conference on Robotics and Automation, Nice, France, May, 1992.                       |  |  |  |
| 11.            | RU   | Champleboux, "Utilisation de Fonctions Splines pour la Mise au Point D'un Capteur<br>Tridimensionnel sans Contact," Quelques Applications Medicales, July 1991.  |  |  |  |

|           | //_//_// |                       |
|-----------|----------|-----------------------|
| Examiner: | Kuthall  | Date Considered: 2/06 |

### PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

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| ATTORNEY DOCKET NO.   | SERIAL NO. |  |  |
|-----------------------|------------|--|--|
| 5074A-000032/COB      | 09/494,213 |  |  |
| APPLICANT             |            |  |  |
| Michael A. Martinelli |            |  |  |
| FILING DATE           | GROUP      |  |  |
| January 24, 2000      | 3737       |  |  |

| Ref.<br>Desig.   | Examiner's Initials_ |  |
|------------------|----------------------|--|
| 12.              | M                    | Cinquin et al., "Computer Assisted Medical Interventions," IEEE Engineering in Medicine and Biology, May/June 1995, pp. 254-263.   |
| 13.              |                      | Cinquin et al., "Computer Assisted Medical Interventions," International Advanced Robotics Programme, September 1989, pp. 63-65.   |
| 14.              |                      | Clarysse et al., "A Computer-Assisted System for 3-D Frameless Localization in Stereotaxic MRI," IEEE Transactions on Medical Imaging, Vol. 10, No. 4, December 1991, pp. 523-529. |
| 15.              |                      | Edward C. Benzel et al., "Magnetic Source Imaging: a Review of the Magnes System of Biomagnetic Technologies Incorporated, "Nurosurgery, Vol. 33, No. 2 (Aug. 1993), p. 252-259    |
| 16.              |                      | Feldmar et al., "3D-2D Projective Registration of Free-Form Curves and Surfaces," Rappor de recherche (Inria Sophia Antipolis), 1994, pages 1-44.                                  |
| 17.              |                      | Foley et al., "Fundamentals of Interactive Computer Graphics," The Systems Programming Series, Chapter 7, July 1984, pp. 245-266.  |
| 18.              |                      | Foley et al., "Image-guided Intraoperative Spinal Localization," Intraoperative Neuroprotection, Chapter 19, 1996, pp. 325-340.  |
| 19.              |                      | Foley, "The StealthStation: Three-Dimensional Image-Interactive Guidance for the Spine Surgeon." Spinal Frontiers, April 1996, pp. 7-9   |
| 20.              |                      | Germano, "Instrumentation, Technique and Technology", Neurosurgery, Vol. 37, No. 2, August, 1995, pgs. 348-350   |
| 21.              |                      | Gildenberg et al., "Calculation of Stereotactic Coordinates from the Computed Tomographic Scan," Neurosurgery, Vol. 10, No. 5, May 1982, pp. 580-586.                              |
| 22.              |                      | Gonzalez, "Digital Image Fundamentals," Digital Image Processing, Second Edition, 1987, pp. 52-54.   |
| 23.              |                      | Gottesfeld Brown et al., "Registration of Planar Film Radiographs with Computer Tomography," Proceedings of MMBIA, June '96, pp. 42-51.  |
| 24.              | M                    | Gueziec et al., "Registration of Computed Tomography Data to a Surgical Robot Using Fluoroscopy: A Feasibility Study," Computer Science/Mathematics, Sept. 27, 1996, 6 pages.      |
| — <del>25.</del> |                      | Hamadeh et al, "Kinematic Study of Lumbar Spine Using Functional Radiographies and 3D/2D Registration," TIMC UMR 5525 - IMAG   |

|           | 11/11    |                       |
|-----------|----------|-----------------------|
| Examiner: | Kult and | Date Considered: 2/06 |

### PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 15 of 19

| ATTORNEY DOCKET NO.   | SERIAL NO. | _ |
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| 5074A-000032/COB      | 09/494,213 |   |
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| FILING DATE           | GROUP      | _ |
| January 24, 2000      | 3737       |   |

| OTHE           | R DOCUME               | NTS (including Author, Title, Date, Pertinent Pages, etc.)   |
|----------------|------------------------|--|
| Ref.<br>Desig. | Examiner's<br>Initials |  |
| 26.            | $\mu$                  | Hamadeh et al., "Automated 3-Dimensional Computed Tomographic and Fluorscopic Image Registration," Computer Aided Surgery (1998), 3:11-19.   |
| 27.            |                        | Hamadeh et al., "Towards Automatic Registration Between CT and X-ray Images: Cooperation Between 3D/2D Registration and 2D Edge Detection," MRCAS '95, pp. 39-46.  |
| 28.            |                        | Hatch, "Reference-Display System for the Integration of CT Scanning and the Operating Microscope," Thesis, Thayer School of Engineering, October 1984, pp. 1-189.  |
| 29.            |                        | Hatch, et al., "Reference-Display System for the Integration of CT Scanning and the Operating Microscope", Proceedings of the Eleventh Annual Northeast Bioengineering Conference, May, 1985, pgs. 252-254 |
| 30.            |                        | Heilbrun et al., "Preliminary experience with Brown-Roberts-Wells (BRW) computerized tomography stereotaxic guidance system," Journal of Neurosurgery, Vol. 59, August 1983, pp. 217-222.                  |
| 31.            |                        | Henderson et al., "An Accurate and Ergonomic Method of Registration for Image-guided Neurosurgery," Computerized Medical Imaging and Graphics, Vol. 18, No. 4, July-August 1994, pp. 273-277.              |
| 32.            |                        | Hoerenz, "The Operating Microscope I. Optical Principles, Illumination Systems, and Support Systems," Journal of Microsurgery, Vol. 1, 1980, pages 364-369.  |
| 33.            |                        | Hofstetter et al., "Fluoroscopy Based Surgical Navigation - Concept and Clinical Applications," Computer Assisted Radiology and Surgery, 1997, pages 956-960.  |
| 34.            |                        | Horner et al., "A Comparison of CT-Stereotaxic Brain Biopsy Techniques," Investigative Radiology, SepOct. 1984, pp. 367-373.   |
| 35.            |                        | Hounsfield, "Computerized transverse axial scanning (tomography): Part 1. Description of system," British Journal of Radiology, Vol. 46, No. 552, December 1973, pp. 1016-1022.                            |
| 36.            |                        | Jacques et al., "A Computerized Microstereotactic Method to Approach, 3-Dimensionally Reconstruct, Remove and Adjuvantly Treat Small CNS Lesions," Applied Neurophysiology, Vol. 43, 1980, pp. 176-182.    |
| 37.            |                        | Jacques et al., "Computerized three-dimensional stereotaxic removal of small central nervous system lesion in patients," J. Neurosurg., Vol. 53, December 1980, pp. 816-820.                               |
| 38.            |                        | Joskowicz et al., "Computer-Aided Image-Guided Bone Fracture Surgery: Concept and Implementation," CAR '98, pp. 710-715.   |
| 39.            | RU                     | Kelly et al., "Computer-assisted stereotaxic laser resection of intra-axial brain neoplasms," Journal of Neurosurgery, Vol. 64, March 1986, pp. 427-439.   |

|           | Diane  |                  |      |  |
|-----------|--------|------------------|------|--|
| Examiner: | KuttaN | Date Considered: | 2/06 |  |

## PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

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| ATTORNEY DOCKET No.   | SERIAL NO. |  |
|-----------------------|------------|--|
| 5074A-000032/COB      | 09/494,213 |  |
| APPLICANT             |            |  |
| Michael A. Martinelli |            |  |
| FILING DATE           | GROUP      |  |
| January 24, 2000      | 3737       |  |

|      | OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) |                        |  |  |  |  |
|------|--|------------------------|--|--|--|--|
|      | Ref.<br>Desig.   | Examiner's<br>Initials |  |  |  |  |
|      | 40.  | RY                     | Kelly et al., "Precision Resection of Intra-Axial CNS Lesions by CT-Based Stereotactic Craniotomy and Computer Monitored CO2 Laser," Acta Neurochirurgica, Vol. 68, 1983, pp. 1-9.                           |  |  |  |
| Ī    | 41.  |                        | Laitinen et al., "An Adapter for Computed Tomography-Guided, Stereotaxis," Surg. Neurol. 1985, pp. 559-566.  |  |  |  |
|      | 42.  |                        | Laitinen, "Noninvasive multipurpose stereoadapter," Neurological Research, June 1987, pp. 137-141.   |  |  |  |
|      | 43.  |                        | Lavallee et al, "Matching 3-D Smooth Surfaces with their 2-D Projections using 3-D Distance Maps," SPIE, Vol. 1570, Geometric Methods in Computer Vision, 1991, pp. 322-336.                                 |  |  |  |
|      | 44.  |                        | Lavallee et al., "Computer Assisted Driving of a Needle into the Brain," Proceedings of the International Symposium CAR '89, Computer Assisted Radiology, 1989, pp. 416-420.                                 |  |  |  |
|      | 45.  | Ry                     | Lavallee et al., "Computer Assisted Interventionist Imaging: The Instance of Stereotactic Brain Surgery," North-Holland MEDINFO 89, Part 1, 1989, pp. 613-617.   |  |  |  |
| 3_   | 46.  |                        | Lavallee et al., "Computer Assisted Spine Surgery: A Technique For Accurate<br>Transpedicular Screw-Fixation Using CT Data and a 3-D Optical Localizer," TIMC, Faculte                                       |  |  |  |
| TÃ(  | ٤  |                        | de Medecine de Grenoble.   |  |  |  |
|      | 47.  | RY                     | Lavallee et al., "Image guided operating robot: a clinical application in stereotactic neurosurgery," Proceedings of the 1992 IEEE Internation Conference on Robotics and Automation, May 1992, pp. 618-624. |  |  |  |
|      | 48.  | RY                     | Lavallee et al., "Matching of Medical Images for Computed and Robot Assisted Surgery," IEEE EMBS, Orlando, 1991.   |  |  |  |
|      | 49.  | RY                     | Lavallee, "A New System for Computer Assisted Neurosurgery," IEEE Engineering in Medicine & Biology Society 11th Annual International Conference, 1989, pp. 0926-0927.                                       |  |  |  |
| -D-A | <del>450.</del>  |                        | Lavallee, "VI Adaption de la Methodologie a Quelques Applications Cliniques," Chapitre VI  |  |  |  |
| UT   | 1162.  |                        | pp. 133-148.   |  |  |  |
|      | 51.  | RY                     | Leksell et al., "Stereotaxis and Tomography - A Technical Note," ACTA Neurochirurgica, Vol. 52, 1980, pp.1-7.  |  |  |  |
|      | 52.  | 111                    | Lemieux et al., "A Patient-to-Computed-Tomography Image Registration Method Based or Digitally Reconstructed Radiographs," Med. Phys. 21 (11), November 1994, pp. 1749-                                      |  |  |  |

|           | 011111  |                        |
|-----------|---------|------------------------|
| Examiner: | Kult LN | Date Considered: 2/0 ム |

### PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 17 of 19

| ATTORNEY DOCKET NO.   | SERIAL NO. |  |  |
|-----------------------|------------|--|--|
| 5074A-000032/COB      | 09/494,213 |  |  |
| APPLICANT             |            |  |  |
| Michael A. Martinelli |            |  |  |
| FILING DATE           | GROUP      |  |  |
| January 24, 2000      | 3737       |  |  |

| OTHE           | R DOCUME   | NTS (including Author, Title, Date, Pertinent Pages, etc.)   |
|----------------|--|--|
| Ref.<br>Desig. | Examiner's<br>Initials   |  |
| 53.            | fly  | Levin et al., "The Brain: Integrated Three-dimensional Display of MR and PET Images," Radiology, Vol. 172, No. 3, September 1989, pp. 783-789.   |
| 54.            | 124  | Mazier et al., "Computer-Assisted Interventionist Imaging: Application to the Vertebral Column Surgery," Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Vol. 12, No. 1, 1990, pp. 0430-0431. |
| 55.            | RU   | Mazier et al., Chirurgie de la Colonne Vertebrale Assistee par Ordinateur: Appication au Vissage Pediculaire, Innov. Tech. Biol. Med., Vol. 11, No. 5, 1990, pp. 559-566.  |
| 56.            | Advisor of the second of the s |  |
| 57.            | RY   | Pelizzari et al., "Accurate Three-Dimensional Registration of CT, PET, and/or MR Images of the Brain," Journal of Computer Assisted Tomography, January/February 1989, pp. 20-26.  |
| 58.            |  | Pelizzari et al., "Interactive 3D Patient-Image Registration," Information Processing in Medical Imaging, 12th International Conference, IPMI '91, July 7-12, 136-141 (A.C.F. Colchester et al. eds. 1991).                            |
| 59.            |  | Pelizzari et al., No. 528 - "Three Dimensional Correlation of PET, CT and MRI Images," The Journal of Nuclear Medicine, Vol. 28, No. 4, April 1987, p.682.   |
| 60.            |  | Phillips et al., "Image Guided Orthopaedic Surgery Design and Analysis," Trans Inst. MC, Vol. 17, No. 5, 1995, pp. 251-264.  |
| 61.            | RY   | Potamianos et al., "Intra-Operative Imaging Guidance for Keyhole Surgery Methodology and Calibration," First International Symposium on Medical Robotics and Computer Assisted Surgery, September 22-24, 1994, pp. 98-104.             |
| -62,-          | NO   | "Prestige Cervical Disc System Surgical Technique", 12 pgs.  |
| 63.            |  | Reinhardt et al., "CT-Guided 'Real Time' Stereotaxy," ACTA Neurochirurgica, 1989.  |
| 64.            | RY   | Roberts et al., "A frameless stereotaxic integration of computerized tomographic imaging and the operating microscope," J. Neurosurg., Vol. 65, October 1986, pp. 545-549.   |
| 65.            |  | Rosenbaum et al., "Computerized Tomography Guided Stereotaxis: A New Approach," Applied Neurophysiology, Vol. 43, No. 3-5, 1980, pp. 172-173.  |
| 66.            |  | Sautot, "Vissage Pediculaire Assiste Par Ordinateur," September 20, 1994.  |
| 67.            | M  | Schueler et al., "Correction of Image Intensifier Distortion for Three-Dimensional X-Ray Angiography," SPIE Medical Imaging 1995, Vol. 2432, pp. 272-279.  |

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|-----------|-------|---|------------------|------|
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### PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

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| OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) |                        |  |  |
|--|------------------------|--|--|
| Ref.<br>Desig.   | Examiner's<br>Initials |  |  |
| 68.  | Щ                      | Selvik et al., "A Roentgen Stereophotogrammetric System," Acta Radiologica Diagnosis, 1983, pp. 343-352.   |  |
| 69.  | 7                      | Shelden et al., "Development of a computerized microsteroetaxic method for localization and removal of minute CNS lesions under direct 3-D vision," J. Neurosurg., Vol. 52, 1980, pp. 21-27.                 |  |
| 70.  |                        | Smith et al., "Computer Methods for Improved Diagnostic Image Display Applied to Stereotactic Neurosurgery," Automedical, Vol. 14, 1992, pp. 371-382.  |  |
| 71.  | Ry                     | Smith et al., "The Neurostation™A Highly Accurate, Minimally Invasive Solution to Frameless Stereotactic Neurosurgery," Computerized Medical Imaging and Graphics, Vol. 18, July - August 1994, pp. 247-256. |  |
| 72.  | MOMPLET                | The Laitinen Stereotactic System, E2-E6.   |  |
| 73.  | RY                     | Viant et al., "A Computer Assisted Orthopaedic System for Distal Locking of Intramedullary Nails," Proc. of MediMEC '95, Bristol, 1995, pp. 86-91.   |  |
| 74.  |                        | Watanabe et al., "Three-Dimensional Digitizer (Neuronavigator): New Equipment for Computed Tomography-Guided Stereotaxic Surgery," Surgical Neurology, Vol. 27, No. 6, June 1987, pp. 543-547.               |  |
| 75.  | M                      | Watanabe, "Neuronavigator," Igaku-no-Ayumi, Vol. 137, No. 6, May 10, 1986, pp. 1-4.  |  |
| 76.  | NODATE                 | Weese et al., "An Approach to 2D/3D Registration of a Vertebra in 2D X-ray Fluoroscopies with 3D CT Images," pp. 119-128.  |  |

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|-----------|-----------|------------------|------|--|
| Examiner: | Kulf Lill | Date Considered: | 2/06 |  |